

Converting Colors

XYZ(28.1735, 28.4188, 28.8122)

Have a look what the booklet for
XYZ(28.1735, 28.4188, 28.8122)
contains.

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Color

**XYZ(28.1169, 28.3074,
28.7929)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8E8C
RGB	156, 142, 140
RGB Percent	61%, 56%, 55%
CMY	0.3882, 0.4431, 0.4510
CMYK	0.00, 0.09, 0.10, 0.39
HSL	8°, 7%, 58%
HSV	8°, 10%, 61%
XYZ	28.1169, 28.3074, 28.7929
YIQ	145.9580, 8.9860, 2.3460

Conversions

Conversions Part 2

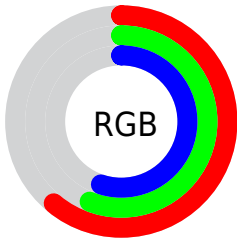
Format	Color
R_{YB}	156, 142, 140
Decimal	10260108
CIE _{Lab}	60.17, 4.86, 2.95
CIE _{LCh}	60, 5.680, 31.257
Yxy	28.3074, 0.3299, 0.3322
Android (android.graphics.Color)	4288450188 (0xFF9C8E8C)
YUV	145.9580, -2.9373, 8.8068
Hunter-Lab	53.2047, 1.2230, 5.1572

Details

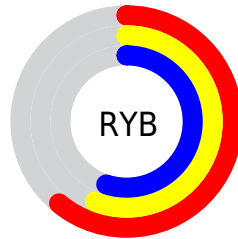
The XYZ color **28.1169, 28.3074, 28.7929** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.3714, 31.0862, 35.9576**, and the grayscale version is **27.3141, 28.7366, 31.2942**.

A 20% lighter version of the original color is **56.3415, 57.2238, 59.1147**, and **11.4983, 11.3957, 11.2664** is the 20% darker color. If you saturate the color by 10%, you get **25.1397, 24.0650, 22.5220**, and if you desaturate by 10%, it is **31.5074, 33.1148, 36.0069**.

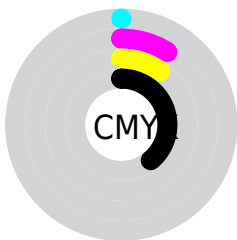
Distribution



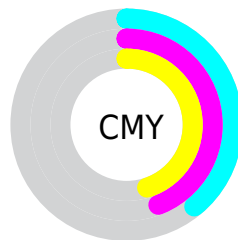
- Red (61%)
- Green (56%)
- Blue (55%)



- Red (61%)
- Yellow (56%)
- Blue (55%)



- Cyan (0%)
- Magenta (9%)
- Yellow (10%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1169, 28.3074, 28.7929 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 28.1169, 28.3074, 28.7929 by changing the saturation by 10% instead.

■ 28.1169, 28.3074,
28.7929

■ 28.1169, 28.3074,
28.7929

285.0950,
293.9329, 310.2668

■ 18.5547, 18.5575,
18.6800

■ 56.0784, 56.9748,
58.7861

■ 11.4511, 11.3510,
11.2648

■ 75.2083, 76.6612,
79.5035

■ 6.4406, 6.3034,
6.1288

■ 98.2583, 100.4285,
104.5928

■ 3.1580, 3.0305,
2.8535

125.5936,
128.6611, 134.4726

■ 1.2379, 1.1477,
1.0203

157.5795,
161.7435, 169.5613

■ 0.1359, 0.0183,
0.0000

194.5815,

■ 0.0000, 0.0000,

200.0600, 210.2776

0.0000

236.9649,
243.9950, 257.0399

■ 28.1169, 28.3074,
28.7929

■ 28.1169, 28.3074,
28.7929

■ 25.1397, 24.0650,
22.5220

■ 31.5074, 33.1148,
36.0069

■ 22.5577, 20.3632,
17.1535

■ 35.3238, 38.5029,
44.1987

■ 20.3549, 17.1814,
12.6462

■ 39.5809, 44.4917,
53.4038

■ 18.5132, 14.4962,
8.9552

■ 44.2924, 51.0988,
63.6551

■ 17.0133, 12.2825,
6.0316

■ 49.4712, 58.3414,
74.9841

■ 15.8337, 10.5129,
3.8210

■ 55.1295, 66.2358,
87.4211

■ 14.9507, 9.1571,
2.2621

■ 61.2795, 74.7978,
100.9949

■ 14.3371, 8.1812,
1.2830

■ 66.3139, 83.3951,
107.2095

■ 13.9523, 7.5518,
0.7223

■ 67.5204, 85.8080,
107.6116

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.3258, 28.3074, 30.7343



28.1169, 28.3074, 28.7929



27.5825, 28.3074, 27.4465

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28.1169, 28.3074, 28.7929



25.6994, 28.3074, 28.9384



26.9360, 28.3074, 34.9959

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



28.1169, 28.3074, 28.7929



28.3714, 31.0862, 35.9576

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.2393, 28.3074, 34.4634



28.1169, 28.3074, 28.7929



25.5332, 28.3074, 30.9098

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



28.1169, 28.3074, 28.7929



26.1872, 28.3074, 27.5278



25.7291, 28.3074, 32.9441



27.6365, 28.3074, 34.3689

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



28.1169, 28.3074, 28.7929



27.1182, 28.3074, 27.0355



25.7291, 28.3074, 32.9441



26.6936, 28.3074, 34.9464

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



28.1177, 28.3086, 28.7935



55.4231, 57.5933, 61.5490



28.9325, 28.1620, 34.5412



12.0884, 12.5213, 13.3152



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.1177, 28.3086, 28.7935



49.9392, 49.8090, 49.9061



29.3293, 30.7318, 29.1974



6.6967, 6.7734, 6.9401



11.5074, 6.2505, 0.5999



0.2227, 0.1457, 0.0164

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



28.3714, 31.0862, 35.9576



50.4815, 55.7486, 65.2266



27.1158, 28.5750, 35.5391



6.7510, 7.3677, 8.4730



12.2666, 16.6248, 28.4696



0.2373, 0.3331, 0.5150

Previews

White Background



This preview shows how the XYZ color 28.1169, 28.3074, 28.7929 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 28.1169, 28.3074, 28.7929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

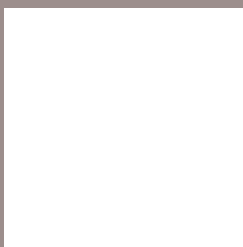
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.1169, 28.3074, 28.7929

Background



This preview shows how black text looks on a background with the XYZ color 28.1169, 28.3074, 28.7929.



This preview shows how white text looks on a background with the XYZ color 28.1169, 28.3074,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

28.1169, 28.3074, 28.7929

Protanopia

26.9937, 28.1655, 29.2131

Deuteranopia

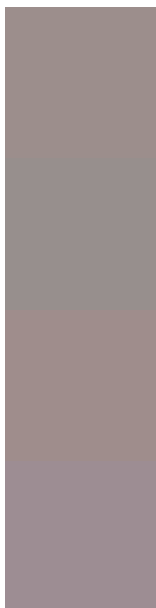
28.8096, 28.2267, 28.7408



Tritanopia

29.0645, 28.2596, 33.2009

Trichromacy



Original Color

28.1169, 28.3074, 28.7929

Protanomaly

27.3927, 28.1473, 29.1885

Deuteranomaly

28.5566, 28.3141, 28.7710

Tritanomaly

28.6960, 28.3244, 31.5585

Monochromacy



Original Color

28.1169, 28.3074, 28.7929

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.7371, 28.7484, 30.4727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1169, 28.3074, 28.7929 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(156, 142, 140)` looks like.

```
.text, #text, p{  
    color:rgb(156, 142, 140)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(156, 142, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 142, 140) }
```

Border

The CSS property to change the border of an element to XYZ 28.1169, 28.3074, 28.7929 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 142, 140) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(156, 142, 140) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(156, 142, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 142, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 142, 140);  
box-shadow:4px 4px 4px 4px rgb(156, 142,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1169, 28.3074, 28.7929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 142, 140) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(156,  
142, 140) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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